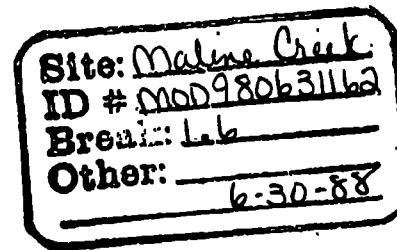




UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115



JUN 30 1988

MEMORANDUM

SUBJECT: GAF Transite Plant, St. Louis, Missouri
(SBR60)

FROM: Paul E. Beatty *Paul E. Beatty*
Environmental Engineer, AMON/EMCM/ENSV

TO: Charles Whitmore
Chief, Air Compliance Section, ARBR/ARTX

THRU: Joe Arello *Joe Arello*
Acting Chief, Air Monitoring Section, EMCM/ENSV

ATTN: JoAnn Heiman
Air Compliance Section, ARBR/ARTX

At the request of the Air and Toxics Division (ARTX), the Environmental Monitoring and Compliance Branch (EMCM), Air Monitoring Section conducted an inspection at the old GAF Transite manufacturing facility in St. Louis, Missouri on June 15, 1988. The purpose of the inspection was to determine the amount and condition of the exposed asbestos-containing Transite, buried and abandoned on the property.

In 1979, Transite production at the facility stopped. The large waste pile north of the plant was graded and covered with soil. The edge of the waste dump next to Maline Creek had been stabilized with rock.

The property is currently owned by Harold Clark, 464 Summit, St. Louis, Missouri. Upon arrival at the site, I spoke with Brad Harris of Riverview Industrial Services, 9215 Riverview, St. Louis, Missouri, which leases space in the old GAF building. I explained the purpose and scope of the inspection. The adjoining property, the old Certain-Teed Transite pipe plant, was inspected on 5/25/88. For site information, please refer to the attached site maps (Attachment 1).

During the inspection, the covered waste pile, Maline Creek bank and general plant site area were inspected for Transite. The waste pile area was covered with dirt and grass and appeared to be stable. No Transite was visible except in a small area on top of the pile.

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Superfund

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ARTX-ARBR
KANSAS CITY, KS.

That area contained approximately 20 small pieces, and sample SBR60-002 was collected there. The material is cementitious, but when rubbed with the fingers, a powder is seen on the fingers.

Along the creek bank, some erosion has taken place and some Transite board is visible. Along the treelined creek bank, west of the main building, recent grading has taken place, exposing a lot of Transite board. The graded area contains pieces of Transite. Transite pieces were also exposed along the creek bank. The graveled area at the edge of the southwest parking lot also contained a large amount of Transite pieces. Sample SBR60-004 was taken from this area.

The dirt south of the service road has been graded and graveled, and is used as a storage area. Mr. Harris said it was constructed 2 to 3 months ago by Clayco Construction Company, which is also owned by Harold Clark. Along the edge of the graveled lot and the covered waste dump are numerous pieces of Transite. Sample SBR60-003 was obtained from this area. Mr. Harris said that a fence will be built between the waste dump and graveled lot areas.

Overall, a lot of exposed Transite is at the site. No visible emissions were observed during the inspection, but the potential for fiber release increases as the Transite weathers or is broken up by truck traffic or site grading.

For additional sampling information, please refer to the attached sample analysis (Attachment 2), sample summary sheet (Attachment 3) and the chain-of-custody sheet (Attachment 4). The photographs are forthcoming.

Attachments

1. Site Maps
2. Sample Analysis
3. Sample Summary Sheet
4. Chain-of-Custody Sheet

INSPECTION REPORT RECEIPT AND FOLLOW-UP SHEET

- * Inspector: PAUL BEATTY
- * Facility Name: GAF WASTE DUMP
- * Facility Location: ST. LOUIS, MO
- * Date of Inspection: 6/15/88
- * Activity No.: SBR60
- * Date Report Transmitted: / /

Date Report Received: / /

Additional Information Needed/Requested Not Included In Report:

* No. Samples Taken: 4 No. Samples Analyzed: 4
Disposition [Retain, Discard, Analyze More (Specify Which)]:

* Field Notes Taped [Yes/No]:
Disposition [Retain, Discard, Transcribe]:

* No. Photographs Taken:
Additional Copies Needed (Specify Which):

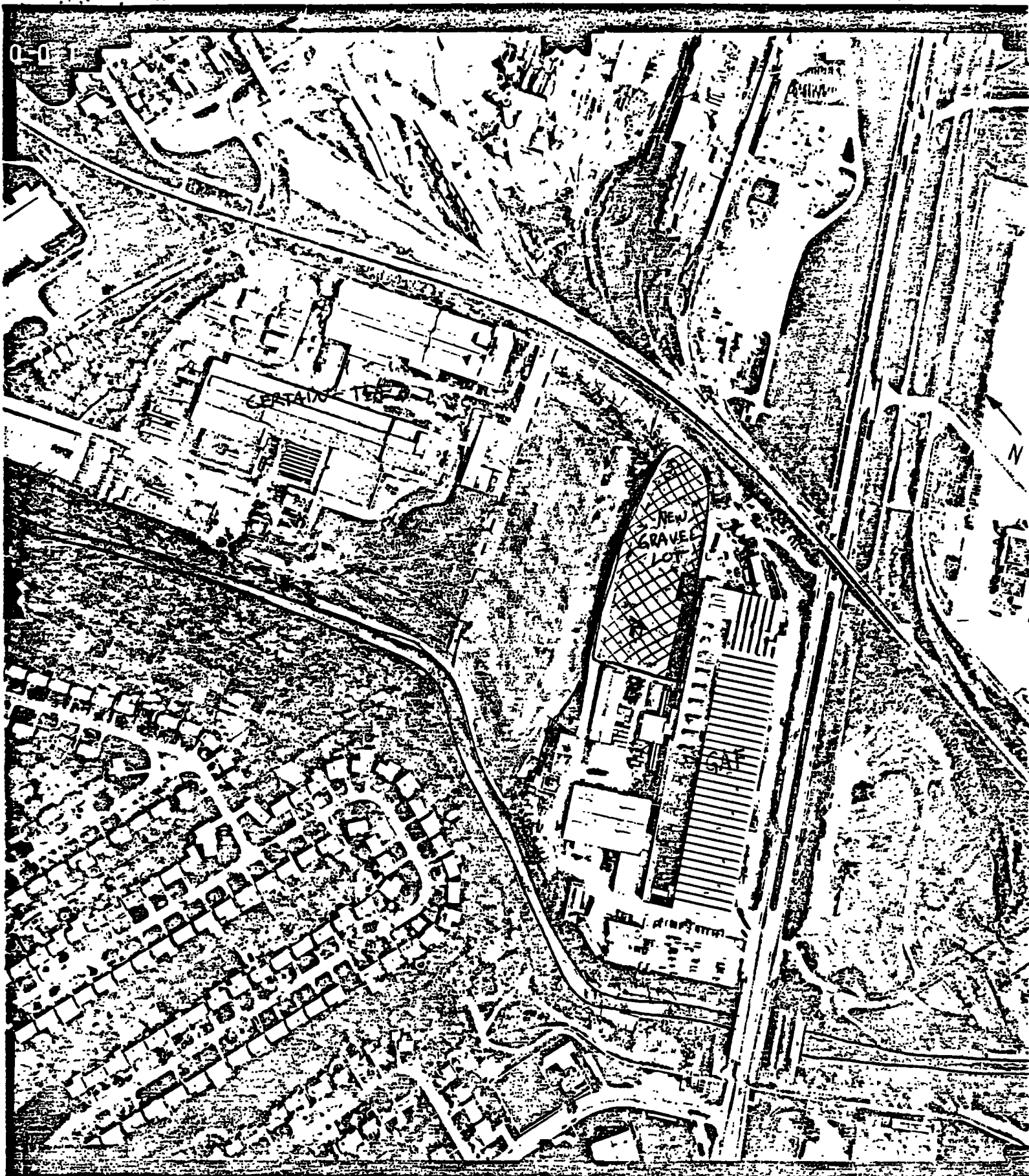
No. Photographs In Report: 0
FORTHCOMING

Additional Information Needed By: / /

Report Reviewed By:
Date Review Completed: / /

* To be completed by inspector.

All other information to be completed by Air Compliance Section and returned to Environmental Evaluation Section.



CERTAIN T

NEW GRAVE LOT

PHOTO TAKEN 11-5-79

1/10/79 1:25 PM
1/10/79 1:25 PM



B
C
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E
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ANALYSIS OF BULK INSULATION FOR ASBESTOS
EPA REGION VI INORGANIC DATATITLE: GAF WASTE DUMP
DATE: 06/23/88
MATRIX: INSULATIONMETHOD: 1151M01
ANALYST: LDM ____/____

SAMPLE #	ASBESTOS PRESENT	% CHRYSTILE	% AMOSITE	% CROCIDOLITE	% TREMOLITE	% ACTINOLITE	% ANPHIBYLITE	OTHER FIBERS & COM. DATE
SBR60001	YES	9	0	0	0	0	0	
SBR60002	YES	7	0	0	0	0	0	
SBR60002	YES	15	0	0	0	0	0	
SBR60004	YES	25	0	0	0	0	0	

[illegible]

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

[illegible]



1

GAF WASTE DUMP

06/15/88

SBR60

Paul Beatty

Broken transite board along Maline creek bank



2

GAF WASTE DUMP

06/15/88

SBR60

Paul Beatty

Broken transite along Maline creek bank

Sample site SBR60-001



3

GAF WASTE DUMP

06/15/88

SER60

Paul Beatty

Transite pieces along Maline creek



4

GAF WASTE DUMP

06/15/88

SBR60

Paul Beatty

Transite pieces in graded area west of main building



5

GAF WASTE DUMP

06/15/88

SBR60

Paul Beatty

Transite pieces in graded area west of main building



6

GAF WASTE DUMP

06/15/88

SBR60

Paul Beatty

Transite pipe in Maline creek



7

GAF WASTE DUMP

06/15/88

SBR60

Paul Beatty

Transite pieces on covered waste dump Sample site

SBR60-002



8

GAF WASTE DUMP

06/15/88

SBR60

Paul Beatty

Northeast corner of graveled lot

Sample site SBR60-003



9

GAF WASTE DUMP

06/15/88

SBR60

Paul Beatty

Edge of graveled lot - many small transite pieces



10

GAF WASTE DUMP

06/15/88

SBR60

Paul Beatty

Transite pieces next to west parking lot and power pole



11

GAF WASTE DUMP

06/15/88

SER60

Paul Beatty

Edge of west parking lot-transite pieces

Sample site SER60-004